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ATTY. DOCKET NO.	APPLICATION NO.
8907-087-999	09/497,957
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJ	GT	5,872,237	Feb. 1999	Feder et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER REFERENCES (*Including Author, Title, Date, Pertinent Pages, Etc.*)

GJ	GU	Vogel, F. et al., "*Human Chromosomes*," Springer-Verlag (1992) pp. 18-81 (ISBN 3-540-09459-8).

EXAMINER	DATE CONSIDERED
G. Goldberg	8/1/05

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8907-087-999	09/497,957
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,399,216	Aug. 1983	Axel et al.			
	AB	4,434,156	Feb. 1984	Trowbridge			
	AC	4,666,927	May. 1987	Hider et al.			
	AD	4,683,202	Jul. 1987	Mullis			
	AE	4,711,845	Dec. 1987	Gelfand et al.			
	AF	4,912,118	Mar. 1990	Hider et al.			
	AG	5,075,469	Dec. 1991	Chevion			
	AH	5,104,865	Apr. 1992	Hider et al.			
	AI	5,116,964	May. 1992	Capon			
	AJ	5,185,368	Feb. 1993	Peter et al.			
	AK	5,256,676	Oct. 1993	Hider et al.			
	AL	5,328,992	Jul. 1994	Peter et al.			
	AM	5,385,918	Jan. 1995	Connell et al.			
	AN	5,399,346	Mar. 1995	Anderson et al.			
	AO	5,420,008	May. 1995	Nishida et al.			
	AP	5,424,057	Jun. 1995	Peter et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AQ	CA 2115221	Aug. 1994	CA				
	AR	CA 2115222	Aug. 1994	CA				
	AS	CA 2115224	Aug. 1994	CA				
	AT	EP 0 315 434	May. 1989	EP				
	AU	EP 0 346 281	Dec. 1989	EP			X Abstr.	
	AV	DE 208 609	Apr. 1984	DE				X

EXAMINER	J. Goldberg	DATE CONSIDERED	8/1/05

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	AW	DE 4 327 226	Feb. 1995	DE	—	—	X Abstr.	
	AX	GB 2 293 269	Mar. 1996	UK	—	—		
	AY	WO 94/01463	Jan. 1994	WO	—	—		
	AZ	WO 94/04186	Mar. 1994	WO	—	—	X Abstr.	
	BA	WO 94/11367	May. 1994	WO	—	—		
	BB	WO 94/21243	Sep. 1994	WO	—	—		
	BC	WO 95/16663	Jun. 1995	WO	—	—		
	BD	WO 96/17870	Jun. 1996	WO	—	—		
	BE	WO 96/35802	Nov. 1996	WO	—	—		

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	BF	Abravaya, K., et al., "*Detection of Point Mutations With a Modified Ligase Chain Reaction (Gap-LCR)*," Nucl. Acids Res. (1995) 23(4):675-682 (Abbott Laboratories).
	BG	Bacon, B.R., "*Causes of Iron Overload*," N. Engl. J. Med. (1992) 326(2):126-127 (St. Louis Univ. School of Medicine).
	BH	Barany, F., "*Genetic Disease Detection and DNA Amplification Using Cloned Thermostable Ligase*," Proc. Natl. Acad. Sci. USA (1991) 88:189-193 (National Institutes of Health).
	BI	Barton, J.C., et al., "*Blood Lead Concentrations in Hereditary Hemochromatosis*," J. Lab. Clin. Med. (1994) 124(2):193-198 (0022-2143/94).
	BJ	Barton, J.C., et al., "*Hemochromatosis: The Genetic Disorder of the Twenty-First Century*," Nature Medicine (1996) 2(4):394-395 (Brookwood Medical Center).
	BK	Beutler, E., et al., "*A Strategy for Cloning the Hereditary Hemochromatosis Gene*," Blood Cells, Molecules, and Diseases (1995) 21(21):207-216 (1079-9796/95).
	BL	Bjorkman, P.J., et al., "*Structure, Function, and Diversity of Class I Major Histocompatibility Complex Molecules*," Annu. Rev. Biochem. (1990) 59:253-288 (0066-4154/90).
	BM	Calandro, L.M., et al., "*Characterization of a Recombinant That Locates the Hereditary Hemochromatosis Gene Telomeric to HLA-F*," Hum. Genet. (1995) 96:339-342 (Kaiser Foundation Research Institute).
	BN	Camaschella, C., et al., "*Hereditary Hemochromatosis: Recent Advances in Molecular Genetics and Clinical Management*," Haematologica (1997) 82:77-84 (BioMed).
	BO	Capecchi, M.R., "*Altering the Genome by Homologous Recombination*," Science (1989) 244:1288-1292 (Univ. of Utah Medical Center).

EXAMINER	J. Goldberg	DATE CONSIDERED	8/1/05

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	APPLICANT THOMAS et al.	
	FILING DATE February 4, 2000	GROUP 1644

	BP	Cartwright, G.E., et al., "*Inheritance of Hemochromatosis: Linkage to HLA*," Trans. Assoc. Am. Phys. (1978) 91:273-281 (National Institutes of Health).
	BQ	Chen, X., et al., "*Template-Directed Dye-Terminator Incorporation (TDI) Assay: A Homogeneous DNA Diagnostic Method Based on Fluorescence Resonance Energy Transfer*," Nucl. Acids Res. (1997) 25(2):347-353 (U.S. Dept. of Energy).
	BR	Cotton, R.G.H., et al., "*Reactivity of Cytosine and Thymine in Single-Base-Pair Mismatches With Hydroxylamine and Osmium Tetroxide and its Application to the Study of Mutations*," Proc. Natl. Acad. Sci. USA (1988) 85:4397-4401 (Nuffield Foundation).
	BS	Crawford, D.H.G., et al., "*Evidence That the Ancestral Haplotype in Australian Hemochromatosis Patients May be Associated With a Common Mutation in the Gene*," Am. J. Hum. Genet. (1995) 57:362-367 (0002-9297/95).
	BT	Crystal, R.G., "*Gene Therapy Strategies for Pulmonary Disease*," Am. J. Med. (1992) 92(6A):6A-44S-6A-52S (National Institutes of Health).
	BU	Darnell, J., "*Tools of Molecular Cell Biology: Molecular Technology*," Scientific American Books (1986) pp. 227-229 (Rockefeller Univ.).
	BV	Dugast, I.J., et al., "*Identification of Two Human Ferritin H Genes on the Short Arm of Chromosome 6*," Genomics (1990) 6:204-211 (0888-7543/90).
	BW	Edwards, C.Q., et al., "*The Locus for Hereditary Hemochromatosis Maps Between HLA-A and HLA-B*," Cytogenet. Cell Genet. (1985) 40:620 (Univ. of Utah Medical Center).
	BX	Edwards, C.Q., et al., "*Screening for Hemochromatosis*," New Engl. J. Med. (1993) 328(22):1616-1619 (Univ. of Utah College of Medicine).
	BY	El Kahloun, A., et al., "*Localization of Seven New Genes Around the HLA-A Locus*," Hum. Molec. Genet. (1992) 2(1):55-60 (Institut National de la Sante et de la Recherche Medicale).
	BZ	Fahy, E., et al., "*Self-Sustained Sequence Replication (3SR): An Isothermal Transcription-Based Amplification System Alternative to PCR*," PCR Methods and Applications (1991) 1:25-33 (1054-9803/91).
	CA	Feder, J.N., et al., "*A Novel MHC Class I-Like Gene is Mutated in Patients With Hereditary Haemochromatosis*," Nature Genet. (1996) 13:399-408 (Mercator Genetics).
	CB	Finch, C.A., "*Hemochromatosis–Treatment is Easy, Diagnosis Hard*," Western J. Med. (1990) 153(3):323-325 (Univ. of Washington School of Medicine).
	CC	Fischer, S.G., et al., "*DNA Fragments Differing by Single Base-Pair Substitutions are Separated in Denaturing Gradient Gels: Correspondence With Melting Theory*," Proc. Natl. Acad. Sci. USA (1983) 80:1579-1583 (National Institutes of Health).
	CD	Friedmann, T., "*Progress Toward Human Gene Therapy*," Science (1989) 244:1275-1281 (San Diego Univ. of Calif.).
	CE	Fullan, A., et al., "*A Polymorphic Dinucleotide Repeat at the Human HLA-F Locus*," Hum. Mol. Genet. (1994) 3(12):2266 (Mercator Genetics).
	CF	Gasparini, P., et al., "*Linkage Analysis of 6p21 Polymorphic Markers and the Hereditary Hemochromatosis: Localization of the Gene Centromeric to HLA-F*," Hum. Molec. Genet. (1993) 2(5):571-576 (National Research Council).

EXAMINER	S. Goldberg	DATE CONSIDERED	8/1/05

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8907-087-999	09/497,957
APPLICANT	
THOMAS et al.	
FILING DATE	GROUP
February 4, 2000	1644

	CG	Gnirke, A., et al., "*Physical Calibration of Yeast Artificial Chromosome Contig Maps by RecA-Assisted Restriction Endonuclease (RARE) Cleavage*," Genomics (1994) 24:199-210 (0888-7543/94).
	CH	Goei, V.L., et al., "*Isolation of Novel Non-HLA Gene Fragments From the Hemochromatosis Region (6p21.3) by cDNA Hybridization Selection*," Am. J. Hum. Genet. (1994) 54:244-251 (0002-9297/94).
	CI	Gruen, J.R., et al., "*Physical and Genetic Mapping of the Telomeric Major Histocompatibility Complex Region in Man and Relevance to the Primary Hemochromatosis Gene (HFE)*," Genomics (1992) 14:232-240 (0378-7543/92).
	CJ	Gyapay, G., et al., "*The 1993-1994 Genethon Human Genetic Linkage Map*," Nature Genetics (1994) 7:246-339 (Assoc. Francais conte les Myopathies).
	CK	Halliday, J.W., "*Hemochromatosis and Iron Needs*," Nutr. Rev. (1998) 56(2):S30-S37 (Queensland Institute of Medical Research).
	CL	Harlow, E., et al., "*Antibodies: A Laboratory Manual*," Cold Spring Harbor Laboratory (1988) Chapter 5 pp. 75-81 (ISBN 0-87969-314-2).
	CM	Hashimoto, K., et al., "*Identification of a Mouse Homolog for the Human Hereditary Haemochromatosis Candidate Gene*," Biochem. Biophys. Res. Comm. (1997) 230:35-39 (0006-291X/97).
	CN	Jakobovits, A., et al., "*Production of Antigen-Specific Human Antibodies from Mice Engineered with Human Heavy and Light Chain YACs*[a] ", Ann. N.Y. Acad. Sci. (1995) 764:525-535 (Cell Genesys, Inc.).
	CO	Jazwinska, E.C., et al., "*Localization of the Hemochromatosis Gene Close to D6S105*," Am. J. Hum. Genet. (1993) 53:347-352 (0002-9297/93).
	CP	Jazwinska, E.C., et al., "*Haplotype Analysis in Australian Hemochromatosis Patients: Evidence for a Predominant Ancestral Haplotype Exclusively Associated with Hemochromatosis*," Am. J. Hum. Genet. (1995) 56:428-433 (0002-9297/95).
	CQ	Jazwinska, E.C., et al., "*Where Does the Gene for Hemochromatosis Lie in Relation to HLA-A?*," Hepatology (1994) 19:1050-1051 (Queensland Institute of Medical Research). **This reference was incorrectly listed in the 08/834,497 PTO-1449 as authored by Gasparini, P., et al.**
	CR	Jazwinska, E.C., et al., "*Hemochromatosis and "HLA-H": Definite!*," Hepatology (1997) 25(2):495-496 (Queensland Institute of Medical Research).
	CS	Jouet, M.M.H., et al., "*Isolation of YAC Clones Containing Class I HLA Genes Which Map in the Vicinity of the Hereditary Haemochromatosis Gene*," J. Med. Genet. (1991) 28(8):572 (St. Mary's Hospital, Manchester).
	CT	Kan, Y.W., et al., "*Antenatal Diagnosis of Sickle-Cell Anæmia by D.N.A. Analysis of Amniotic-Fluid Cells*," Lancet (1978) ii:910-912 (San Francisco General Hospital, CA).
	CU	Koller, B.H., et al., "*Normal Development of Mice Deficient in β_2M, MHC Class I Proteins, and CD8$^+$ T Cells*," Science (1990) 248:1227-1230 (National Institutes of Health).
	CV	Kramer, M.F., et al., "*The Polymerase Chain Reaction*," Current Protocols in Molecular Biology (1993) Chapter 15 pp. 15.0.1-15.1.14 (ISBN 0-471-30661-4).
	CW	Landegren, U., et al., "*A Ligase-Mediated Gene Detection Technique*," Science (1988) 241(4869):1077-1080 (0036-8075/88).

EXAMINER	G. Goldberg	DATE CONSIDERED	8/1/05

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	APPLICANT THOMAS et al.	
	FILING DATE February 4, 2000	GROUP 1644

	CX	Lemarchand, P., et al., "*Adenovirus-Mediated Transfer of a Recombinant Human α_1-Antitrypsin cDNA to Human Endothelial Cells*," Proc. Natl. Acad. Sci. USA (1992) 89:6482-6486 (National Institutes of Health).
	CY	Lin, A.Y., et al., "*Expression of T Cell Antigen Receptor Heterodimers in a Lipid-Linked Form*," Science (1990) 249:677-679 (Stanford Univ. School of Medicine).
	CZ	Lipinski, M., et al., "*Idiopathic Hemochromatosis: Linkage with HLA*," Tissue Antigens (1978) 11:471-474 (Hopital Saint-Louis, Paris).
	DA	Maskos, U., et al., "*A Novel Method for the Parallel Analysis of Multiple Mutations in Multiple Samples*," Nucl. Acids Res. (1993) 21(9):2269-2270 (Univ. of Oxford).
	DB	Miyazaki, J.I., et al., "*Intracellular Transport Blockade Caused by Disruption of the Disulfide Bridge in the Third External Domain of Major Histocompatibility Complex Class I Antigen*," Proc. Natl. Acad. Sci. USA (1986) 83:757-761 (National Institutes of Health).
	DC	Morgan, J.G., et al., "*The Selective Isolation of Novel cDNAs Encoded by the Regions Surrounding the Human Interleukin 4 and 5 Genes*," Nucl. Acids Res. (1992) 20(19):5173-5179 (National Center for Human Genome Research).
	DD	Mulford, C.A., et al., "*Endocytosis of the Transferrin Receptor is Altered During Differentiation of Murine Erythroleukemic Cells*," J. Biol. Chem. (1988) 263(11):5455-5461 (National Institutes of Health).
	DE	Murray, J.C., et al., "*A Comprehensive Human Linkage Map with Centimorgan Density*," Science (1994) 265:2049-2054 (Univ. of Iowa).
	DF	Myers, R.M., et al., "*Detection of Single Base Substitutions by Ribonuclease Cleavage at Mismatches in RNA: DNA Duplexes*," Science (1986) 230:1242-1246 (0036-8075/85).
	DG	Newton, C.R., et al., "*Analysis of Any Point Mutation in DNA. The Amplification Refractory Mutation System (ARMS)*," Nucl. Acids Res. (1989) 17(7):2503-2516 (Univ. of Wales College of Medicine).
	DH	Nickerson, D.A., et al., "*Automated DNA Diagnostics Using an ELISA-Based Oligonucleotide Ligation Assay*," Proc. Natl. Acad. Sci. USA (1990) 87:8923-8927 (Whittier Foundation).
	DI	Nickerson, D.A., et al., "*Genotyping by Ligation Assays*," Current Protocols in Human Genetics (1994) Chapter 2.6 pp. 2.6.1-2.6.4 (ISBN 0-471-03420-7).
	DJ	Nierman, W.C., et al., "*ATTC/NIH Repository Catalogue of Human and Mouse DNA Probes and Libraries*," Amer. Type Culture Coll. (1994) pp. 1-70 (ISBN 0-930009-56-8).
	DK	Nikiforov, T.T., et al., "*Genetic Bit Analysis: A Solid Phase Method for Typing Single Nucleotide Polymorphisms*," Nucl. Acids Res. (1994) 22(20):4167-4175 (Molecular Tool, Inc.).
	DL	Olynyk, J.K., et al., "*Hepatic Iron Concentration as a Predictor of Response to Interferon Alfa Therapy in Chronic Hepatitis C*," Gastroenterology (1995) 108:1104-1109 (0016-5085/95).
	DM	Orphanos, V., et al., "*Thirteen Dinucleotide Repeat Polymorphisms on Chromosome 6*," Hum. Mol. Genet. (1993) 2(12):2196 (Cancer Genetics).
	DN	Patterson, M., et al., "*Molecular Characterization of Cell Cycle Gene CDC7 From Saccharomyces Cerevisiae*," Mol. Cell Biol. (1986) 6(5):1590-1598 (0270-7306/86).

EXAMINER	D. Goldberg	DATE CONSIDERED	8/1/05

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8907-087-999	09/497,957
APPLICANT: THOMAS et al.	
FILING DATE: February 4, 2000	GROUP: 1644

	DO	Phatak, P.D., et al., "*Cost-Effectiveness of Screening for Hereditary Hemochromatosis*," Arch. Intern. Med. (1994) 154:769-776 (Rochester General Hospital, NY).
	DP	Raha-Chowdhury, R., et al., "*New Polymorphic Microsatellite Markers Place the Haemochromatosis Gene Telomeric to D6S105*," Hum. Mol. Genet. (1995) 4(10):1869-1874 (Univ. of Wales College of Medicine).
	DQ	Raha-Chowdhury, R., et al., "*Allelic Associations and Homozygosity at Loci from HLA-B to D6S299 in Genetic Haemochromatosis*," J. Med. Genet. (1995) 32:446-452 (Univ. of Wales College of Medicine).
	DR	Roberts, A.G., et al., "*Increased Frequency of the Haemochromatosis Cys282Tyr Mutation in Sporadic Porphyria Cutanea Tarda*," Lancet (1997) 349:321-323 (Univ. of Wales College of Medicine).
	DS	Roth, M.P., et al., "*The Human Myelin Oligodendrocyte Glycoprotein (MOG) Gene: Complete Nucleotide Sequence and Structural Characterization*," (1995) Genomics 28:241-250 (0888-7543/95).
	DT	Rothenberg, B.E., et al., "*The Molecular Mechanisms of Iron Overload: An Animal Model for Hemochromatosis*," FASEB J. (1994) 8. Abstract No. 5217, p. A900 (Univ. of California).
	DU	Saiki, R.K., et al., "*Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase*," Science (1988) 239:487-491 (Cetus Corp.).
	DV	Saiki, R.K., et al., "*Genetic Analysis of Amplified DNA With Immobilized Sequence-Specific Oligonucleotide Probes*," Proc. Natl. Acad. Sci. USA (1989) 86:6230-6234 (Cetus Corp.).
	DW	Salter, R.D., "*Intracellular Transport of Class I HLA Molecules is Affected by Polymorphic Residues in the Binding Groove*," Immunogenetics (1994) 39:266-271 (American Cancer Society).
	DX	Schild, H., et al., "*The Nature of Major Histocompatiblity Complex Recognition by γδ T Cells*," Cell (1994) 76:29-37 (German Cancer Research Center).
	DY	Sevier, E.D., "*Monoclonal Antibodies in Clinical Immunology*," Clin. Chem. (1981) 27(11):1797-1806 (Hybritech, Inc.).
	DZ	Simon M., et al., "*Association of HLA-A3 and HLA-B14 Antigens With Idiopathic Haemochromatosis*," Gut (1976) 17:332-334 (Hopital Pontchaillou, France).
	EA	Simon, M., et al., "*A Study of 609 HLA Haplotypes Marking for the Hemochromatosis Gene: (1) Mapping of the Gene Near the HLA-A Locus and Characters Required to Define a Heterozygous Population and (2) Hypothesis Concerning the Underlying Cause of Hemochromatosis-HLA Association*," Am. J. Hum. Genet. (1987) 41:89-105 (0002-9297/87).
	EB	Sood, A. K., et al., "*Isolation and Partial Nucleotide Sequence of a cDNA Clone for Human Histocompatibility Antigen HLA-B by Use of an Oligodeoxynucleotide Primer*," Proc. Natl. Acad. Sci. USA (1981) 78(1):616-620 (National Institutes of Health).
	EC	Stone, C., et al., "*Isolation of CA Dinucleotide Repeats Close to D6S105; Linkage Disequilibrium With Haemochromatosis*," Hum. Molec. Genet. (1994) 3(11):2043-2046 (Queensland Institute of Medical Research).
	ED	Summers, K.M., et al., "*Fine Mapping of a Human Chromosome 6 Ferritin Heavy Chain Pseudogene: Relevance to Haemochromatosis*," Hum. Genet. (1991) 88:175-178 (Queensland Institute of Medical Research).
	EE	Syvänen, A.C., et al., "*A Primer-Guided Nucleotide Incorporation Assay in the Genotyping of Apolipoprotein E*," Genomics (1990) 8:684-692 (0888-7543/90).

EXAMINER	DATE CONSIDERED
G. Goldberg	8/1/05

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8907-087-999	09/497,957
APPLICANT: THOMAS et al.	
FILING DATE: February 4, 2000	GROUP: 1644

	EF	Thiede, C., et al., "*Simple and Sensitive Detection of Mutations in the Ras Proto-Oncogenes Using PNA-Mediated PCR Clamping*," Nucl. Acids Res. (1996) 24(5):983-984 (Wilhelm-Sander Stiftung).
	EG	Totaro, A., et al., "*New Polymorphisms and Markers in the HLA Class I Region: Relevance to Hereditary Hemochromatosis (HFE)*," Hum. Genet. (1995) 95:429-434 (Italian Ministry of Health).
	EH	Totaro, A., et al., "*Hereditary Hemochromatosis: Generation of a Transcription Map Within a Refined and Extended Map of the HLA Class I Region*," Genomics (1996) 31:319-326 (0888-7543/96).
	EI	Wagner, R., et al., "*Mutation Detection Using Immobilized Mismatch Binding Protein (MutS)*," Nucl. Acids Res. (1995) 23(19):3944-3948 (Genecheck Inc.).
	EJ	Wallace, R.B., et al., "*Hybridization of Synthetic Oligodeoxyribonucleotides to Φχ 174 DNA: The Effect of Single Base Pair Mismatch*," Nucl. Acids Res. (1979) 6(11):3543-3557 (City of Hope National Medical Center).
	EK	Weber, J.L., et al., "*Dinucleotide Repeat Polymorphism at the D6S105 Locus*," Nucl. Acids Res. (1991) 19(4):968 (National Institutes of Health).
	EL	Wettstein, D.A., et al., "*Expression of a Class II Major Histocompatibility Complex (MHC) Heterodimer in a Lipid-Linked Form With Enhanced Peptide/Soluble MHC Complex Formation at Low pH*," J. Exp. Med. (1991) 174:219-228 (0022-1007/91).
	EM	Worwood, M., et al., "Alleles at D6S265 and D6S105 Define a Haemochromatosis-Specific Genotype," Brit. J. Hematol. (1994) 86:863-866 (Univ. of Wales College of Medicine).
	EN	Wu, D.Y., et al., "*The Ligation Amplification Reaction (LAR)-Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation*," Genomics (1989) 4:560-569 (0888-7543/89).
	EO	Youil, R., et al., "*Screening for Mutations by Enzyme Mismatch Cleavage With T4 Endonuclease VII*," Proc. Natl. Acad. Sci. USA (1995) 92:87-91 (National Health and Medical Research Council of Australia).
	EP	Zijlstra, M., et al., "*β2-Microglobulin Deficient Mice Lack CD4⁻8⁺ Cytolytic T Cells*," Nature (1990) 344:742-746 (Cancer Research Institute).
	EQ	Zinkernagel, R.M., et al., "*MHC-Restricted Cytotoxic T Cells: Studies on the Biological Role of Polymorphic Major Transplantation Antigens Determining T-Cell Restriction-Specificity, Function, and Responsiveness*," Adv. In Immunol. (1978) 27:51-177 (ISBN 0-12-022427-5).

EXAMINER	DATE CONSIDERED
G. Goldberg	8/1/05

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JG	ER	4,511,503	Apr. 1985	Olson et al.			
	ES	5,582,979	Dec. 1996	Weber			
	ET	5,719,125	Feb. 1998	Suzuki et al.			
	EU	6,025,130	Feb. 2000	Thomas et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
JG	EV	WO 96/06583	Mar. 1996	WO				

OTHER REFERENCES (*Including Author, Title, Date, Pertinent Pages, Etc.*)

JG	EW	Adams, M.D., et al., "*Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project*," Science (1991) 252:1651-1656 (National Institutes of Health).
	EX	Amadou, C., et al., "*Localization of New Genes and Markers to the Distal Part of the Human Major Histocompatibility Complex (MHC) Region and Comparison With the Mouse: New Insights Into the Evolution of Mammalian Genomes*," Genomics (1995) 26:9-20 (0888-7543/95).
	EY	Anderson, J.R., et al., "*Precipitating Autoantibodies in Sjögren's Disease*," Lancet (1961) 2:456-460 (Glasgow Univ.).
	EZ	Balan, V., et al., "*Screening fro Hemochromatosis: A Cost-Effectiveness Study Based on 12,258 Patients*," Gastroenterology (1994) 107:453-459 (0016/5085/94).
	FA	Beaucage, S.L., et al., "*Deoxynucleoside Phosphoramidites-A New Class of Key Intermediates for Deoxypolynucleotide Synthesis*," Tetrahedron Letters (1981) 22(20):1859-1862 (0040-4039/81).
	FB	Beggs, J.D., "*Transformation of Yeast by a Replicating Hybrid Plasmid*," Nature (1978) 275:104-109 (0028-0836/78).
	FC	Benton, W.D., et al., "*Screening λgt Recombinant Clones by Hybridization to Single Plaques in situ*," Science (1977) 196:180-182 (National Institutes of Health).
	FD	Boretto, J., et al., "*Anonymous Markers Located on Chromosome 6 in the HLA-A Class I Region: Allelic Distribution in Genetic Haemochromatosis*," Hum. Genet. (1992) 89:33-36 (Institut National de la Sante et de la Recherche Medicale).
	FE	Botstein, D., et al., "*Sterile Host Yeasts (SHY): A Eukaryotic System of Biological Containment for Recombinant DNA Experiments*," Gene (1979) 8:17-24 (American Cancer Society).
	FF	Broach, J.R., et al., "*Transformation in Yeast: Development of a Hybrid Cloning Vector and Isolation of the CAN1 Gene*," Gene (1979) 8:121-133 (National Institutes of Health).
	FG	Campbell, A.M., "*Monoclonal Antibody Technology*," Elsevier Science Publishers (1985) Chapter 1 pp. 1-32 (ISBN 0-444-80592-3).

EXAMINER	J. Goldberg	DATE CONSIDERED	8/1/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.
8907-087-999	09/497,957
APPLICANT	
THOMAS et al.	
FILING DATE	GROUP
February 4, 2000	1644

	FH	Chong, S.S., et al., "*Molecular Cloning of the cDNA Encoding a Human Renal Sodium Phosphate Transport Protein and its Assignment to Chromosome 6p21.3-p23*," Genomics (1993) 18:355-359 (0888-7543/93).
	FI	Church, D.M., et al., "*Isolation of Genes From Complex Sources of Mammalian Genomic DNA Using Exon Amplification*," Nature Genetics (1994) 6:98-105 (National Institutes of Health).
	FJ	Clark, G., et al., "*Characterization of a Soluble Cytoplasmic Antigen Reactive With Sera From Patients With Systemic Lupus Erythmatosus*," J. Immunol. (1969) 102(1):117-122 (Univ. of New York Dept. of Medicine).
	FK	Cornall, R.J., et al., "*The Generation of a Library of PCR-Analyzed Microsatellite Variants for Genetic Mapping of the Mouse Genome*," Genomics (1991) 10:874-881 (0888-7543/91).
	FL	Dausset, J., et al., "*Centre d'Etude du Polymorphisme Humain (CEPH): Collaborative Genetic Mapping of the Human Genome*," Genomics (1990) 6:575-577 (0888-7543/90).
	FM	de Sousa, M., et al., "*Iron Overload in β_2-Microglobulin-Deficient Mice*," Immun. Lett. (1994) 39:105-111 (0165-2478/94).
	FN	Faham, M., et al., "*A Novel in Vivo Method to Detect DNA Sequence Variation*," Genome Res. (1995) 5:474-482 (1054-9803-95).
	FO	Freemont, P.S., et al., "*A Novel Cysteine-Rich Sequence Motif*," Cell (1991) 65:483-484 (Imperial Cancer Research Fund).
	FP	Gorski, J., "*HLA-DR β-Chain Polymorphism: Second Domain Polymorphism Reflects Evolutionary Relatedness of Alleles and May Explain Public Serologic Epitopes*," J. Immunol. (1989) 143(1):329-333 (0022-1767/89).
	FQ	Grunstein, M., et al., "*Colony Hybridization: A Method for the Isolation of Cloned DNAs That Contain a Specific Gene*," Proc. Natl. Acad. Sci. USA (1975) 72(10):3961-3965 (National Science Foundation).
	FR	Gubler, U., et al., "*A Simple and Very Efficient Method for Generating cDNA Libraries*," Gene (1983) 25:263-269 (0888-1119/83).
	FS	Herskowitz, I., et al., "*The Lysis-Lysogeny Decision of Phage λ: Explicit Programming and Responsiveness*," Ann. Rev. Genet. (1980) 14:399-445 (0066-4197/80).
	FT	Hinnen, A., et al., "*Tranformation of Yeast*," Proc. Natl. Acad. Sci. USA (1978) 75(4):1929-1933 (National Science Foundation).
	FU	Ito, H., et al., "*Transformation of Intact Yeast Cells Treated With Alkali Cations*," J. Bacteriol. (1983) 153(1):163-168 (0021-9193/83).
	FV	Jack, L.J.W., et al., "*Cloning and Analysis of cDNA Encoding Bovine Butyrophilin, an Apical Glycoprotein Expressed in Mammary Tissue and Secreted in Association With the Milk-fat Globule Membrane During Lactation*," J. Biol. Chem. (1990) 265(24):14481-14486 (National Science Foundation).
	FW	Levy-Lahad, E., et al., "*Candidate Gene for the Chromosome 1 Familial Alzheimer's Disease Locus*," Science (1995) 269:973-977 (National Institute on Aging for the Alzheimer's Diseases Research Center).
	FX	Lovett, M., et al., "*Direct Selection: A Method for the Isolation of cDNAs Encoded by Large Genomic Regions*," Proc. Natl. Acad. Sci. USA (1991) 88:9628-9632 (National Center for Human Genome Research).
	FY	Matteucci, M.D., et al., "*Synthesis of Deoxyoligonucleotides on a Polymer Support*," J. Am. Chem. Soc. (1981) 103:3185-3191 (National Institutes of Health).

EXAMINER	DATE CONSIDERED
S. Goldberg	8/1/05

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ATTY. DOCKET NO.	APPLICATION NO.
8907-087-999	09/497,957
APPLICANT	
THOMAS et al.	
FILING DATE	GROUP
February 4, 2000	1644

	FZ	Maxam, A.M., et al., "*Sequencing End-Labeled DNA With Base-Specific Chemical Cleavages*," Methods in Enzymology (1980) 65:499-560 (ISBN 0-12-181965-5).
	GA	Miller, M.M., et al., "*Immunoglobulin Variable-Region-Like Domains of Diverse Sequence Within the Major Histocompatibility Complex of the Chicken*," Proc. Natl. Acad. Sci. USA (1991) 88:4377-4381 (National Institutes of Health).
	GB	Needham-VanDevanter, D.R., et al., "*Characterization of an Adduct Between CC-1065 and a Defined Oligodeoxynucleotide Duplex*," Nucl. Acids Res. (1984) 12(15):6159-6168 (Welch Foundation).
	GC	Needleman, S.B., et al., "*A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins*," J. Mol. Biol. (1970) 48:443-453 (U.S. Public Health Service).
	GD	Orita, M., et al., "*Rapid and Sensitive Detection of Point Mutations and DNA Polymorphisms Using the Polymerase Chain Reaction*," Genomics (1989) 5:874-879 (0888-7543/89).
	GE	Orum, H., et al., "*Single Base Pair Mutation Analysis by PNA Directed PCR Clamping*," Nucl. Acids Res. (1993) 21(23):5332-5336 (Research Center for Medical Biotechnology).
	GF	Pearson, J.D., et al., "*High-Performance Anion-Exchange Chromatography of Oligonucleotides*," J. Chromatog. (1983) 255:137-149 (0021-9673/83).
	GG	Pearson, W.R., et al., "*Improved Tools for Biological Sequence Comparison*," Proc. Natl. Acad. Sci. USA (1988) 85:2444-2448 (National Institutes of Health).
	GH	Queen, C., et al., "*Cell-Type Specific Regulation of a κ Immunoglobulin Gene by Promoter and Enhancer Elements*," Immunol. Rev. (1986) 89:49-68 (National Institutes of Health).
	GI	Rothenberg, B.E., et al., "*β_2 Knockout Mice Develop Parenchymal Iron Overload: A Putative Role for Class I Genes of the Major Histocompatibility Complex in Iron Metabolism*," Proc. Natl. Acad. Sci. USA (1996) 93:1529-1534 (National Institutes of Health).
	GJ	Schneider, I., "*Cell Lines Derived From Late Embryonic Stages of Drosophila Melanogaster*," J. Embryol. Exp. Morph. (1972) 27(2):353-365 (Walter Reed Army Institute of Research).
	GK	Smith, T.F., et al., "*Comparison of Biosequences*," Adv. Appl. Math. (1981) 2:482-489 (0196-8858/81).
	GL	Sprague, J., et al., "*Expression of a Recombinant DNA Gene Coding for the Vesicular Stomatitis Virus Nucleocapsid Protein*," J. Virol. (1983) 45(2):773-781 (0022-538X/83).
	GM	Strathmann, M., et al., "*Transposon-Facilitated DNA Sequencing*," Proc. Natl. Acad. Sci. USA (1991) 88:1247-1250 (U.S. Public Health Service Program).
	GN	Summers, K.M., et al., "*HLA Determinants in an Australian Population of Hemochromatosis Patients and Their Families*," Am. J. Hum. Genet. (1989) 45:41-48 (0002-9297/89).
	GO	Taylor, M.R., et al., "*Cloning and Sequence Analysis of Human Butyrophilin Reveals a Potential Receptor Function*," Biochimica et Biophysica Acta (1996) 1306:1-4 (0167-4781/96).
	GP	Vernet, C., et al., "*Evolutionary Study of Multigenic Families Mapping Close to the Human MHC Class I Region*," J. Mol. Evol. (1993) 37:600-612 (National Science Foundation).
	GQ	Walker, G.T., et al., "*Isothermal in vitro Amplification of DNA by a Restriction Enzyme/DNA Polymerase System*," Proc. Natl. Acad. Sci. USA (1992) 89:392-396 (Becton Dickinson Research Center).

EXAMINER	J. Goldberg	DATE CONSIDERED	8/1/05

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ATTY. DOCKET NO.	APPLICATION NO.
8907-087-999	09/497,957
APPLICANT	
THOMAS et al.	
FILING DATE	GROUP
February 4, 2000	1644

	GR	Yanofsky, C., et al., "*Repression is Relieved Before Attenuation in the trp Operon of Escherichia coli as Tryptophan Starvation Becomes Increasingly Severe*," J. Bacter. (1994) 158(3):1018-1024 (0021-9193/84).
	GS	Yu, C-E., et al., "*Positional Cloning of the Werner's Syndrome Gene*," Science (1996) 272:258-262 (National Institute on Aging).

EXAMINER	DATE CONSIDERED
G. Goldberg	8/2/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.